

Partial Translation of Reference 2

Jpn. UM Appln. KOKAI Publication No. 50-145875

Filing No.: 49-56352

Filing Date: May 20, 1974

Applicant: Toray Industries, Inc.

Priority: Not Claimed

KOKAI Date: December 3, 1975

Request for Examination: Not filed

Int.Cl.: D 03 D 1/02

B 60 R 21/12

page 163, right column, lines 1 to 13

What is claimed is:

A shock-absorbing bag fabric, periodically having a connective portion in the length direction, characterized in that a front fabric and a back fabric of a long interval portion A has:

a short interval portion B wherein the front fabric and the back fabric come into contact and are reversed at a connective portion; and

a portion C wherein the front fabric and the back fabric are integrated in the short interval portion.

Brief Description of the Drawings

FIG. 1 illustrates a portion of the bag fabric of the prior art. FIG. 2 illustrates a magnified view of a connective portion of the shock-absorbing bag of the prior art. FIGS. 3 and 5 illustrate a sequence of the bag fabrics of the present invention. FIG. 4 illustrates a magnified view of the bag fabric connective portion of the present invention. FIGS. 6-8 illustrate a bag portion A, and connective portions B and C, respectively.

JAPANESE PATENT OFFICE
PATENT JOURNAL
KOKAI UTILITY MODEL NO. SHO 50[1975]-145875

Int. Cl. ² :	D 03 D 1/02 B 60 R 21/12
Japanese Cl.:	47 A 8 80 K 0
Sequence Nos. for Office Use:	6364-35 6774-36
Filing No.:	Sho 49[1974]-56352
Filing Date:	May 20, 1974
Publication Date:	December 3, 1975 (Total of 5 pages)
Examination Request:	Not filed

WOVEN BAG FABRIC FOR AIR BAG

Inventors:	Katsutoshi Ando 2-14-15 Ohira, Otsu-shi Shigeji Yamashita 1703 Ueno, Koga-cho, Koga-gun, Shiga-ken Taisuke Tate 2830 Osen-cho, Seta, Otsu-shi Mitsuru Aizawa 1528 Oe-cho, Seta, Otsu-shi
Applicant:	Toray Industries, Inc. 2-2 Muro-cho, Nihonbashi, Chuo-ku, Tokyo

[Amendments have been incorporated into the text of the translation.]

Claim

A woven bag fabric for an air bag, characterized by the fact that in a woven bag fabric that periodically has connecting parts in the longitudinal direction, woven fabrics of the surface and the back of a long interval part A have a short interval part B inversely connected by the connecting part; and a part C in which the woven fabrics of the surface and back are integrated is provided in said short interval part.

Brief description of the figures

Figure 1 shows part of a conventional bag woven fabric. Figure 2 is an enlarged diagram showing connecting parts of the conventional air bag. Figures 3 and 5 show continuous bodies of the woven bag fabric of the present invention. Figure 4 is an enlarged diagram showing connecting parts of the woven bag fabric of the present invention. Figures 6-8 are respectively structural diagrams showing connecting parts B and C.

Explanation of symbols:

- A Long interval part (bag part)
- B Short interval part (bag part)
- C Integrated part (connecting part)
- 2 Warp
- [Weft

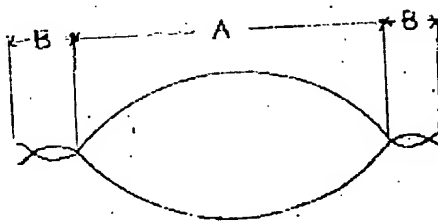


Figure 1

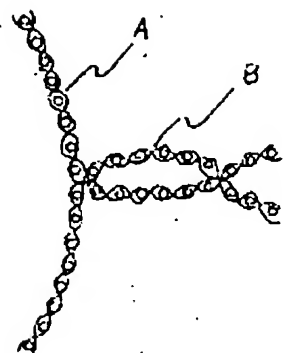


Figure 2

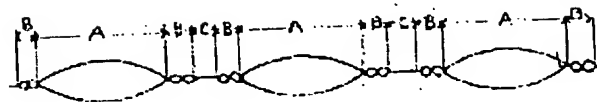


Figure 3

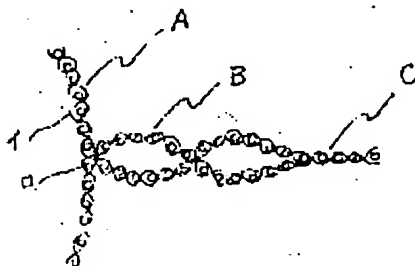


Figure 4

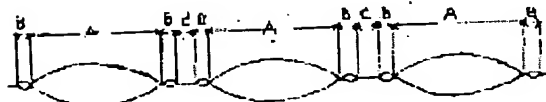


Figure 5

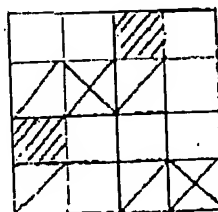


Figure 6

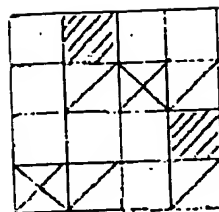


Figure 7

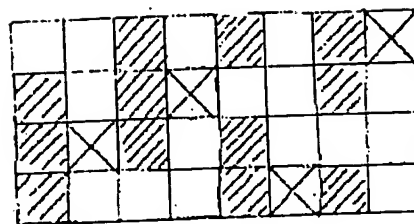


Figure 8

Japanese Kokai Utility Model No. Sho 50[1975]-145875

Job No.: 360-110666

Translated from Japanese by the McElroy Translation Company
800-531-9977 customerservice@mcelroytranslation.com

Ref.: Sally Current

⑤ Int. Cl².D 03 D 1/02
B 60 R 21/12

⑥ 日本分類

47 A 8
80 K 0

⑨ 日本国特許庁

公開実用新案公報

庁内整理番号 6364-35
6774-36

⑩ 実開昭50-145875

④ 公開 昭50(1975). 12. 3

審査請求 未請求 (全5頁)

⑪ 衝撃緩衝用袋織物

⑫ 発 願 昭49-56352
 ⑬ 出 願 昭49(1974)5月20日
 ⑭ 考 案 者 安藤勝敏
 大津市大平2の14の15
 同 山下重二
 滋賀県甲賀郡甲賀町上野1703
 同 伊達泰助
 大津市瀬田南大萱町2830
 同 相沢満
 大津市瀬田大江町1528
 ⑮ 出 願 人 東レ株式会社
 東京都中央区日本橋室町2の2

⑯ 実用新案登録請求の範囲

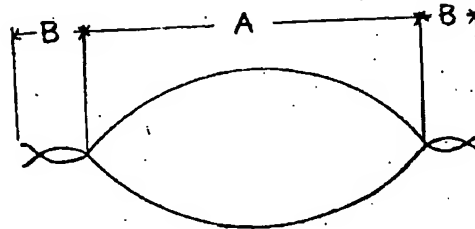
長さ方向に周期的に接結部を有する袋織物において、長間隔部Aの表裏の織物が、接結部で反転して接結された短間隔部Bを有し、かつ該短間隔部中に表裏の織物が一体化した部分Cを有することを特徴とする衝撃緩衝用袋織物。

図面の簡単な説明

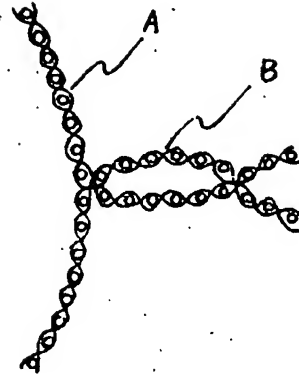
第1図は、従来の袋織の一部を示す図、第2図は、従来緩衝袋の接結部の拡大図、第3図および第5図は本考案に係る袋織物の連続体を示す図、第4図は、本考案に係る袋織物接結部の拡大図である。第6図～第8図はそれぞれ接部A、接結部B、Cの組織図である。

符号の説明、A……長間隔部(袋部)、B……短間隔部(袋部)、C……一体化した部分(接結部)、イ……タテ糸、ロ……ヨコ糸。

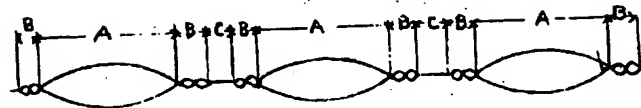
第1図



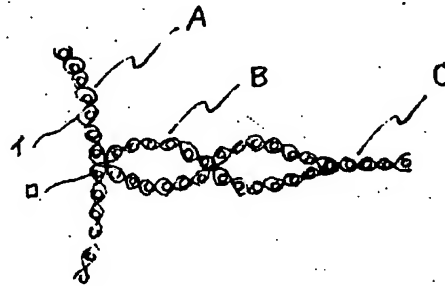
第2図



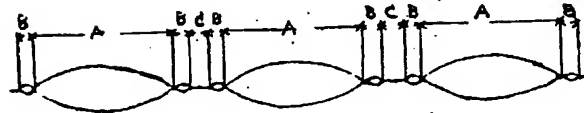
第3図



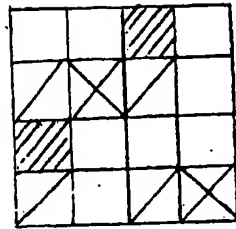
第4図



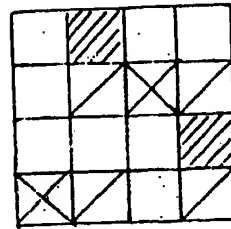
第5図



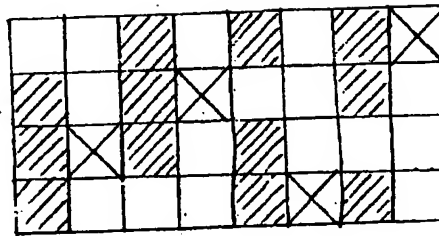
第6図



第7図



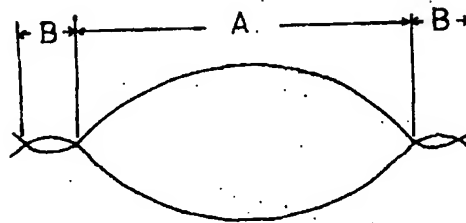
第8図



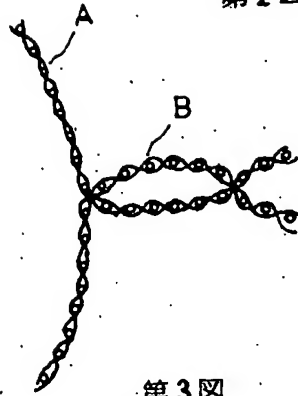
補正 昭49.10.21

図面第1面～第8図を次のように補正する。

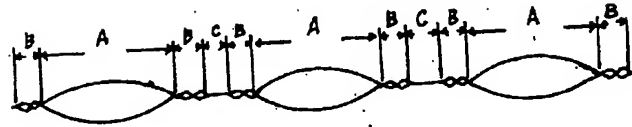
第1図



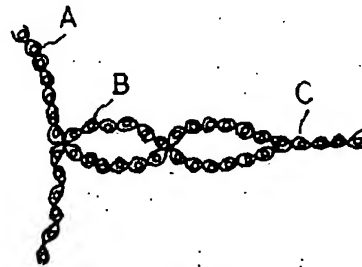
第2図



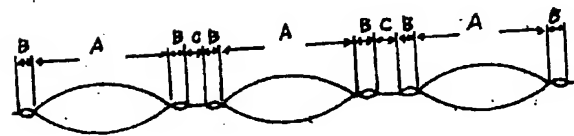
第3図



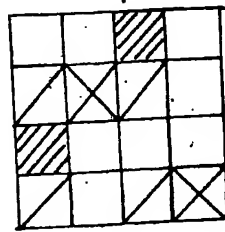
第4図



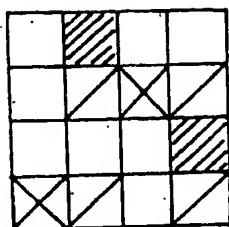
第5図



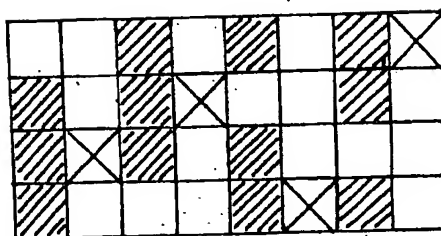
第6図



第7図



第8図



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.